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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: KING et al

Assignee: Applied Materials, Inc.

Title: APPARATUS AND METHOD FOR EXPOSING A SUBSTRATE TO PLASMA RADICALS

Serial No.: 09/298,064

Filed: 04/22/1999

Group Art Unit: 2812

Atty. Docket: AM2616

Examiner: Unknown

Santa Clara, Calif.  
June 28, 1999

COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

Attention: Manager, Application Division

RESPONSE TO NOTICE TO FILE MISSING PARTS  
OF APPLICATION - FILING DATE GRANTED

Sir:

In response to the "Notice to File Missing Parts of Application - Filing Date Granted" mailed by the United States Patent and Trademark Office on 05/20/1999, the following documents are enclosed to complete the filing of the above-identified patent application:

1. **TWO (2)** Combined Declarations and Powers of Attorney signed by the inventor(s) in compliance with 37 CFR 1.63 (4 pages each)
2. Copy of "Notice to File Missing Parts of Application - Filing Date Granted" (Form PTO-1533)

The United States Patent and Trademark Office is hereby authorized to charge the following fees to Deposit Account No. 01-1651 (a duplicate of this document is enclosed):

☐ Filing Fee - Original Patent Application [37 CFR 1.16(a)]

☐ Fees for Claims:

- ☐ each independent claim in excess of 3 [37 CFR 1.16(f)]
- ☐ each claim in excess of 20 [37 CFR 1.16(c)]
- ☐ each multiple dependent claim(s) [37 CFR 1.16(d)]

☐ Applicant petitions for an extension of time, the fees for which are set out in 37 CFR 1.17(a)-(d), for the total number of months checked below:

<u>Extension (months)</u>	<u>Fee (for other than small entity)</u>
<input type="checkbox"/> 1 month	\$ 110.00
<input type="checkbox"/> 2 months	370.00
<input type="checkbox"/> 3 months	870.00
<input type="checkbox"/> 4 months	1,360.00

If an additional extension of time is required please consider this a petition therefor.

[X] Late filing of original declaration or oath 37 CFR 1.16(e). 130.00

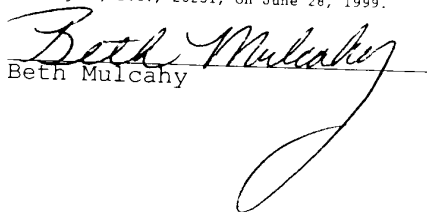
Total fees: \$130.00

[X] The Commissioner is hereby authorized to charge **\$130.00** and any additional fees which may be required, or credit any overpayment, to Deposit Account No. 01-1651.

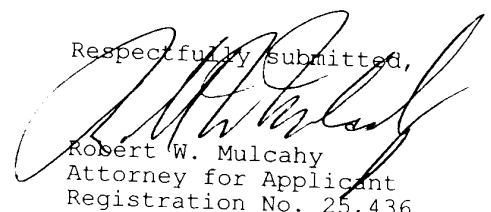
It is hereby respectfully submitted that the enclosed documents complete the filing of the above-named patent application and justify the filing date of 04/22/1999. Please telephone the undersigned at (408)-563-2726 if there are any questions regarding this matter.

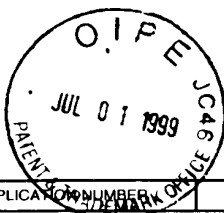
APPLIED MATERIALS, INC.  
Legal Affairs Department  
3050 Bowers Ave., MS/2634  
Santa Clara, CA. 95054

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner of Patents and Trademarks, Washington, D.C., 20231, on June 28, 1999.

  
Beth Mulcahy

Respectfully submitted,

  
Robert W. Mulcahy  
Attorney for Applicant  
Registration No. 25,436



**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO./TITLE
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DATE MAILED:

**NOTICE TO FILE MISSING PARTS OF APPLICATION**  
**Filing Date Granted**

An Application Number and Filing Date have been assigned to this application. The items indicated below, however, are missing. Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). **If any of items 1 or 3 through 5 are indicated as missing, the SURCHARGE set forth in 37 CFR 1.16(e) of \$65.00 for a small entity in compliance with 37 CFR 1.27, or \$130.00 for a non-small entity, must also be timely submitted in reply to this NOTICE to avoid abandonment.**

**If all required items on this form are filed within the period set above, the total amount owed by applicant as a**

☐ **small entity (statement filed)** ☐ **non-small entity is \$** \_\_\_\_\_

☐ 1. The statutory basic filing fee is:

- ☐ missing.  
☐ insufficient.

Applicant must submit \$ \_\_\_\_\_ to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).

☐ 2. The following additional claims fees are due:

\$ \_\_\_\_\_ for \_\_\_\_\_ total claims over 20.

\$ \_\_\_\_\_ for \_\_\_\_\_ independent claims over 3.

\$ \_\_\_\_\_ for multiple dependent claim surcharge.

Applicant must either submit the additional claim fees or cancel additional claims for which fees are due.

☒ 3. The oath or declaration:

- ☒ is missing or unsigned.  
☐ does not cover the newly submitted items.

An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date is required.

☐ 4. The signature(s) to the oath or declaration is/are by a person other than inventor or person qualified under 37 CFR 1.42, 1.43 or 1.47.

A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.

☐ 5. The signature of the following joint inventor(s) is missing from the oath or declaration:

An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.

☐ 6. A \$50.00 processing fee is required since your check was returned without payment (37 CFR 1.21(m)).

☐ 7. Your filing receipt was mailed in error because your check was returned without payment.

☐ 8. The application was filed in a language other than English.

Applicant must file a verified English translation of the application, the \$130.00 set forth in 37 CFR 1.17(k), unless previously submitted, and a statement that the translation is accurate (37 CFR 1.52(d)).

☐ 9. OTHER: \_\_\_\_\_

Direct the reply and any questions about this notice to "Attention: Box Missing Parts."

**A copy of this notice MUST be returned with the reply.**

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

7/7/1999 MAIL ROOM 00000118 011651 0929004  
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